

- 17-CSCJ
- 24-CSCJ
- 36-CSCJ
- 42-CSCJ

# **IEC Standard Cold Shrinkable Straight Joint up to 42 kV**



## APPLICATION

The Chardon Cold Shrinkable Straight Joint provides reliable performance when jointing medium voltage cables. Made from high-quality, UV-resistant silicone rubber, the Chardon Cold Shrinkable Straight Joint offers a combination of durability and high performance in the field. The Chardon Cold Shrinkable Straight Joint includes a

stress-controlling compound housing, preassembled on a plastic "holdout" tube. As the plastic holdout tube is removed, the stress relief housing shrinks onto the cable. The straight joints are designed to withstand voltages of up to 42 kV and are tested in accordance with the GB/T 12706.4 and IEC 60502.4 standards.

## VOLTAGE RATINGS

Ratings	17-CSCJ	24-CSCJ	36-CSCJ	42-CSCJ
<b>Voltage Class</b>	8.7/15(17.5)kV	12/20(24)kV	18/30(36)kV	26/35(40.5)kV
<b>AC Withstand (5 minutes)</b>	39kV	54 kV	81 kV	117 kV
<b>DC Withstand (15 minutes)</b>	35kV	48 kV	72 kV	104 kV
<b>Partial discharge</b>	15kV<10pC	20kV<10pC	30kV<10pC	45kV<10pC
<b>BIL and Full Wave Crest (Impulse)</b>	95kV	125 kV	170 kV	200 kV

## KIT CONTENTS

### Each Standard Kit Contains:

- / Cold Shrinkable Straight Joint
- / Splicing Connector(Optional)
- / Constant-Force Spring
- / Grounding Braid
- / Copper Shielding Mesh
- / Armour Tape
- / Semi-Conductive Tape
- / Waterproof & Sealing Tape
- / PVC Tape
- / Paper Towel
- / Silicone Lubricant
- / Sandpaper belt
- / Gloves
- / Installation Instructions
- / Packing List

Single Core Kit



Three-Core Kit



## ORDERING INFORMATION

Part Number		Cable Insulation O.D.Range (mm)
Single Core Cable	Three Core Cable	
17-CSCJ-A	T-17-CSCJ-A	16.0-20.0
17-CSCJ-B	T-17-CSCJ-B	19.5-24.5
17-CSCJ-C	T-17-CSCJ-C	24.0-30.5
17-CSCJ-D	T-17-CSCJ-D	30.0-36.0
17-CSCJ-E	T-17-CSCJ-E	35.5-42.0
24-CSCJ-A	T-24-CSCJ-A	16.0-20.0
24-CSCJ-B	T-24-CSCJ-B	19.5-24.5
24-CSCJ-C	T-24-CSCJ-C	24.0-30.5
24-CSCJ-D	T-24-CSCJ-D	30.0-36.0
24-CSCJ-E	T-24-CSCJ-E	35.5-42.0
36-CSCJ-A	T-36-CSCJ-A	30.0-35.5
36-CSCJ-B	T-36-CSCJ-B	35.0-41.0
36-CSCJ-C	T-36-CSCJ-C	40.5-48.5
42-CSCJ-A	T-42-CSCJ-A	30.0-35.5
42-CSCJ-B	T-42-CSCJ-B	35.0-41.0
42-CSCJ-C	T-42-CSCJ-C	40.5-48.5
42-CSCJ-D	T-42-CSCJ-D	48.0-58.0

### Ordering Instructions:

- If ordering a 17.5 kV Cold Shrink Joint for a cable with insulation outer diameter of 24 mm and a cross-sectional area of 50 sqmm, with a shear bolt lug selection, the order part number would be 17-CSCJ-B-SBSC-25-95/2/C.

### Important:

- The Cold Shrink Joints are suitable for use with metallic screen cables made of copper or copper wire, and armor cables made of steel tape or steel wire. If your cable is different from the above mentioned types, please contact your local distributor or Chardon representative.
- Please note that Chardon Cold Shrink Joints are exclusively compatible with Chardon connectors and are not suitable for use with connectors from other brands.

### Selection of Shear Bolt Lug, if requested:

Part Number	Conductor Range (mm) <sup>2</sup>
SBSC-25-95/2	25-95
SBSC-70-150/2	70-150
SBSC-120-240/4	120-240
SBSC-185-300/4	185-300
SBSC-240-400/6	240-400
SBSC-400-630/6	400-630

## ORDERING INFORMATION

Selection of Splicing Connector, if requested:

Part Number	Connector Material	Conductor Size (mm <sup>2</sup> )
CJCC-25	Copper	25
CJCC-35	Copper	35
CJCC-50	Copper	50
CJCC-70	Copper	70
CJCC-95	Copper	95
CJCC-120	Copper	120
CJCC-150	Copper	150
CJCC-185	Copper	185
CJCC-240	Copper	240
CJCC-300	Copper	300
CJCC-400	Copper	400
CJCC-500	Copper	500
CJCC-630	Copper	630





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